



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

SE-5J

DEC 22 2015

Dr. Steve Kornder
AECOM
100 South Wacker, Suite 500
Chicago, Illinois 60606

RE: Draft Work Plan for Investigation and Removal of Radiologically-Contaminated Fill Soil
dated December 18, 2015, 510 North Peshtigo Court, Chicago, Illinois – AECOM Project
No. 60442737

Dear Dr. Kornder:

USEPA has reviewed the above-referenced work plan and will consider it approved as of
December 22, 2015, if you incorporate the following change to Section 3.8 Verification
Sampling:

Sample analysis should include analysis of quality control samples and reporting of their results.
It is recommended that the laboratory use the U.S. Department of Energy Radiological and
Environmental Sciences Laboratory (DOE RESL) performance evaluation standards that should
be in either lab's possession; standard number RESL081005 specifically should be used.
Evaluation of quality control sample results will be similar to that of RESL's Mixed Analyte
Performance Evaluation Program (MAPEP), with performance flags assigned for each analyte of
interest to EPA in this performance evaluation (Specifically Th-232/Ac-228 and the interpretation
of Ra-226 concentration).

Flag	Meaning	Criteria for Radiological Analytes
"A"	Acceptable	Bias \leq 20%
"W"	Acceptable with Warning	$20\% < \text{Bias} \leq 30\%$
"N"	Not Acceptable	Bias $> 30\%$

If you have questions or would like to discuss this matter further, please contact me at (312) 886-3601 or Eugene Jablonowski, Health Physicist, at (312) 886-4591. Please direct legal questions to Mary Fulghum, Associate Regional Counsel, at (312) 886-4683 or Cathleen Martwick, Associate Regional Counsel, at (312) 886-7166.

Sincerely,



Verneta Simon, P.E.
On-Scene Coordinator

bcc: Mary Fulghum, C-14J
Charles Gebien, SE-5J
Eugene Jablonowski, SE-5J
Debbie Keating, SE-5J
Cathleen Martwick, C-14J